

WHAT IS CLAIMED IS:

1. A magnetic toner comprising at least a binder resin and a magnetic iron oxide,

wherein the magnetic iron oxide contains Si in an amount of 0.1 to 2.0% by mass with respect to the magnetic iron oxide and Zn in an amount of 0.1 to 4.0% by mass with respect to the magnetic iron oxide,

a concentration of Si atoms is 12.50 to 17.50%, a concentration of Fe atoms is 70.00 to 85.00%, and a concentration of Zn atoms is 1.00 to 7.00% on an outermost surface of the magnetic iron oxide, measured by an X-ray photoelectron spectroscopy (XPS), and

a Zn/Si ratio is 0.05 to 0.5, a Fe/Si ratio is 3.00 to 7.00, and a Fe/Zn ratio is 10.00 to 70.00 on an outermost surface of the magnetic iron oxide.

2. A magnetic toner according to claim 1, wherein

the magnetic iron oxide contains Si in an amount of 0.3 to 1.8% by mass with respect to the magnetic iron oxide and Zn in an amount of 0.1 to 4.0% by mass with respect to the magnetic iron oxide.

3. A magnetic toner according to claim 1, wherein

the magnetic iron oxide contains Zn in an amount of 0.1 to 2.0% by mass with respect to the magnetic iron oxide.

4. A magnetic toner according to claim 1, wherein the binder resin is polyester resin having an acid value of 1 to 100 mgKOH/g.